

Amendments to the Specification:

On pages 15-16 of the specification, please replace paragraph [0039] with the following paragraph:

[0039] These and other features, aspects, and advantages of the present invention are better understood when the following Detailed Description is read with reference to the accompanying drawings, wherein:

Figure 1 is a block diagram of the general environment for operation of an embodiment of the present invention.

Figure 2 is a block diagram of an Internet protocol (IP) voice tandem in an embodiment of the present invention.

Figure 3 is a block diagram of the IP voice tandem in communication with a differentiated services-capable IP network in an embodiment of the present invention.

Figure 4A is a block diagram of a media gateway with congestion detection in an embodiment of the present invention.

Figure 4B is a block diagram of the transmitter in the media gateway, illustrating three queues utilized in an embodiment of the present invention.

Figure 4C is a block diagram of a queue within a DiffServ router.

Figure 5 is a line graph illustrating the relationship between network delay and load in an embodiment of the present invention.

Figure 6 is a line graph illustrating the relationship between network delay and time in an embodiment of the present invention.

Figure 7 is a stacked bar graph illustrating the various components of delay for various types of packets in an embodiment of the present invention.

Figure 8 is a flow chart illustrating the process of creating and transmitting control packets in an embodiment of the present invention.

Figure 9 is a flow chart illustrating the process of performing congestion detection and connection admission control in an embodiment of the present invention.